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PTO/SB/01 (12-97)

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**DECLARATION FOR UTILITY OR  
DESIGN  
PATENT APPLICATION  
(37 CFR 1.63)**

Declaration Submitted with Initial Filing       Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)

Attorney Docket Number	IN01159K
First Named Inventor	SAKSENA, et al
<b>COMPLETE IF KNOWN</b>	
Application Number	/
Filing Date	July 19, 2001
Group Art Unit	To Be Assigned
Examiner Name	to Be Assigned

**As a below named inventor, I hereby declare that:**

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**NOVEL PEPTIDES AS NS3-SERINE PROTEASE INHIBITORS  
OF HEPATITIS C VIRUS**

the specification of which

*(Title of the Invention)*

is attached hereto

OR

was filed on (MM/DD/YYYY)

as United States Application Number or PCT International

Application Number  and was amended on (MM/DD/YYYY)  (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)	<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.
<input type="text"/>	<input type="text"/>	<input type="checkbox"/>

[Page 1 of 2]

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date:

Typed or printed name

Signature

Date

Express Mail Label No.

E1403237293US

Date

July 19, 2001

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## DECLARATION — Utility or Design Patent Application

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application or PCT Parent Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)

Additional U.S. or PCT international application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

As a named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:  Customer Number  →  Place Customer Number Bar Code Label here  
OR  
 Registered practitioner(s) name/registration number listed below

Name	Registration Number	Name	Registration Number

Additional registered practitioner(s) named on supplemental Registered Practitioner Information sheet PTO/SB/02C attached hereto.

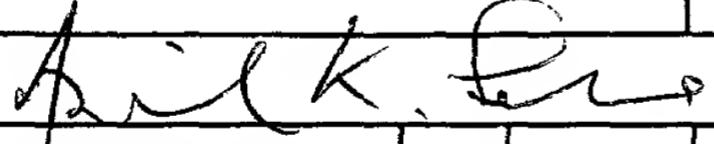
Direct all correspondence to:  Customer Number or Bar Code Label  OR  Correspondence address below

Name	PALAIYUR S. KALYANARAMAN Reg. No. 34634		
Address			
Address			
City	State	ZIP	
Country	Telephone	(908) 298-5068	Fax (908) 298-5388

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or First Inventor:  A petition has been filed for this unsigned inventor

Given Name (first and middle if any)	Family Name or Surname
ANIL K.	SAKSENA

Inventor's Signature		Date	6/8/01
----------------------	--	------	--------

Residence: City	UPPER MONTCLAIR	State	NJ	Country	USA	Citizenship	USA
-----------------	-----------------	-------	----	---------	-----	-------------	-----

Post Office Address	53 BEVERLY ROAD						
---------------------	-----------------	--	--	--	--	--	--

Post Office Address							
---------------------	--	--	--	--	--	--	--

City	UPPER MONTCLAIR	State	NJ	ZIP	07043	Country	USA
------	-----------------	-------	----	-----	-------	---------	-----

Additional inventors are being named on the 7 supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto

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PTO/SB/02A (3-97)

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## DECLARATION

### ADDITIONAL INVENTOR(S) Supplemental Sheet

Page 1 of 9

#### Name of Additional Joint Inventor, if any:

A petition has been filed for this unsigned inventor

Given Name (first and middle [if any])

Family Name or Surname

VIYYOOR MOOPIL

GIRIJAVALLABHAN

Inventor's  
Signature



Date

6/8/01

Residence: City

PARSIPPANY

State

NJ

Country

USA

Citizenship

USA

Post Office Address

10 MAPLEWOOD DRIVE

Post Office Address

City

PARSIPPANY

State

NJ

ZIP

07054

Country

USA

#### Name of Additional Joint Inventor, if any:

A petition has been filed for this unsigned inventor

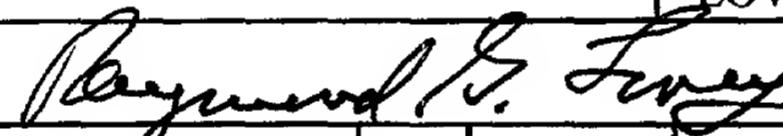
Given Name (first and middle [if any])

Family Name or Surname

RAYMOND G.

LOVEY

Inventor's  
Signature



Date

6/8/01

Residence: City

WEST CALDWELL

State

NJ

Country

USA

Citizenship

USA

Post Office Address

65 WOODSIDE AVENUE

Post Office Address

City

WEST CALDWELL

State

NJ

ZIP

07006

Country

USA

#### Name of Additional Joint Inventor, if any:

A petition has been filed for this unsigned inventor

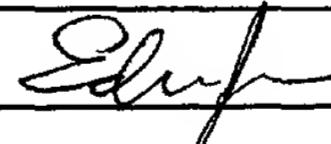
Given Name (first and middle [if any])

Family Name or Surname

EDWIN

JAO

Inventor's  
Signature



Date

6/8/01

Residence: City

WARREN

State

NJ

Country

USA

Citizenship

USA

Post Office Address

20 CROSSWOOD WAY

Post Office Address

City

WARREN

State

NJ

ZIP

07059

Country

USA

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## DECLARATION

ADDITIONAL INVENTOR(S)  
Supplemental Sheet  
Page 2 of 9

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
FRANK		BENNETT					
Inventor's Signature	<i>Frank Bennett</i>						Date
Residence: City	PISCATAWAY	State	NJ	Country	USA	Citizenship	SCOTLAND
Post Office Address	419 DRACO ROAD						
Post Office Address							
City	PISCATAWAY	State	NJ	ZIP	08854	Country	USA
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
JINPING L.		MC CORMICK					
Inventor's Signature	<i>Jinping L. Mc Cormick</i>						Date
Residence: City	EDISON	State	NJ	Country	USA	Citizenship	USA
Post Office Address	5 PACE DRIVE						
Post Office Address							
City	EDISON	State	NJ	ZIP	08820	Country	USA
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
HAIYAN		WANG					
Inventor's Signature							Date
Residence: City	CRANBURY	State	NJ	Country	USA	Citizenship	CHINA
Post Office Address	5 CUBBERLY COURT						
Post Office Address							
City	CRANBURY	State	NJ	ZIP	08512	Country	USA

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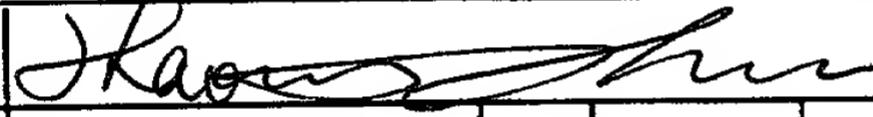
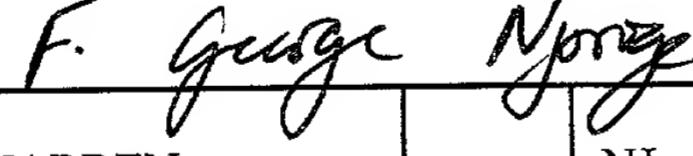
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor						
Given Name (first and middle [if any])			Family Name or Surname					
RUSSELL E.			PIKE					
Inventor's Signature	<i>Russell E. Pike</i>						Date	<i>June 8, 2001</i>
Residence: City	STANHOPE	State	NJ	Country	USA	Citizenship	USA	
Post Office Address	RD #1, 31 FLORENCE STREET							
Post Office Address								
City	STANHOPE	State	NJ	ZIP	07874	Country	USA	
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor						
Given Name (first and middle [if any])			Family Name or Surname					
STEPHANE L.			BOGEN					
Inventor's Signature	<i>Stephane L.</i>						Date	<i>06/08/01</i>
Residence: City	SOMERSET	State	NJ	Country	USA	Citizenship	FRANCE	
Post Office Address	13 DAHLIA ROAD							
Post Office Address								
City	SOMERSET	State	NJ	ZIP	08873	Country	USA	
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor						
Given Name (first and middle [if any])			Family Name or Surname					
TIN-YAU			CHAN					
Inventor's Signature	<i>Tin-Yau Chan</i>						Date	<i>6/8/2001</i>
Residence: City	EDISON	State	NJ	Country	USA	Citizenship	HONG KONG	
Post Office Address	26 BARLOW ROAD							
Post Office Address								
City	EDISON	State	NJ	ZIP	08817	Country	USA	

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<b>DECLARATION</b>		<b>ADDITIONAL INVENTOR(S)</b> <b>Supplemental Sheet</b> Page <u>4</u> of <u>9</u>
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<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor						
Given Name (first and middle [if any])			Family Name or Surname					
YI-TSUNG			LIU					
Inventor's Signature							Date <u>Jun 8, 2001</u>	
Residence: City	MORRIS TOWNSHIP	State	NJ	Country	USA	Citizenship	CHINA	
Post Office Address	34 ALEXANDRIA ROAD							
Post Office Address								
City	MORRIS TOWNSHIP	State	NJ	ZIP	07960	Country	USA	
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor						
Given Name (first and middle [if any])			Family Name or Surname					
ZHAONING			ZHU					
Inventor's Signature							Date <u>06/08/01</u>	
Residence: City	EAST WINDSOR	State	NJ	Country	USA	Citizenship	CHINA	
Post Office Address	34 STONEHEDGE DRIVE							
Post Office Address								
City	EAST WINDSOR	State	NJ	ZIP	08520	Country	USA	
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor						
Given Name (first and middle [if any])			Family Name or Surname					
F. GEORGE			 NGOROGE					
Inventor's Signature							Date <u>06/08/01</u>	
Residence: City	WARREN	State	NJ	Country	USA	Citizenship	KENYA	
Post Office Address	11 SOFTWOOD WAY							
Post Office Address								
City	WARREN	State	NJ	ZIP	07059	Country	USA	

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## DECLARATION

ADDITIONAL INVENTOR(S)  
Supplemental Sheet  
Page 5 of 9

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
ASHOK			ARASAPPAN				
Inventor's Signature	<i>Ashok Arasappan</i>					Date	06/08/01
Residence: City	BRIDGEWATER	State	NJ	Country	USA	Citizenship	INDIA
Post Office Address	18LARSEN COURT						
Post Office Address							
City	BRIDGEWATER	State	NJ	ZIP	08807	Country	USA
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
TEJAL			PAREKH				
Inventor's Signature						Date	
Residence: City	MOUNTAIN VIEW	State	CA	Country	USA	Citizenship	INDIA
Post Office Address	1885 EDNAMARY WAY, UNIT C						
Post Office Address							
City	MOUNTAIN VIEW	State	CA	ZIP	94040	Country	USA
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
ASHIT K.			GANGULY				
Inventor's Signature						Date	
Residence: City	UPPER MONTCLAIR	State	NJ	Country	USA	Citizenship	USA
Post Office Address	96 COOPER AVENUE						
Post Office Address							
City	UPPER MONTCLAIR	State	NJ	ZIP	07043	Country	USA

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ADDITIONAL INVENTOR(S)  
Supplemental Sheet  
Page 6 of 9

Name of Additional Joint Inventor, if any:

 A petition has been filed for this unsigned inventor

Given Name (first and middle [if any])

Family Name or Surname

KEVIN X.

CHEN

Inventor's Signature

Date

6/8/01

Residence: City

ISELIN

State

NJ

Country

USA

Citizenship

USA

Post Office Address

44 GILL LANE, APT. 1D

Post Office Address

City

ISELIN

State

NJ

ZIP

08830

Country

USA

Name of Additional Joint Inventor, if any:

 A petition has been filed for this unsigned inventor

Given Name (first and middle [if any])

Family Name or Surname

SRIKANTH

VENKATRAMAN

Inventor's Signature

Date

6<sup>th</sup> June 01

Residence: City

FORDS

State

NJ

Country

USA

Citizenship

INDIA

Post Office Address

6 TULIP DRIVE, #3H

Post Office Address

City

FORDS

State

NJ

ZIP

08863

Country

USA

Name of Additional Joint Inventor, if any:

 A petition has been filed for this unsigned inventor

Given Name (first and middle [if any])

Family Name or Surname

HENRY A.

VACCARO

Inventor's Signature

6/8/01  
Date

Residence: City

SOUTH PLAINFIELD

State

NJ

Country

USA

Citizenship

USA

Post Office Address

123 SOMERSET AVENUE

Post Office Address

City

SOUTH  
PLAINFIELD

State

NJ

ZIP

07080

Country

USA

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## DECLARATION

ADDITIONAL INVENTOR(S)  
Supplemental Sheet  
Page 7 of 9

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
PATRICK A.		PINTO					
Inventor's Signature	<i>Patrick A. Pinto</i>						Date 6/8/01
Residence: City	MORRIS PLAINS	State	NJ	Country	USA	Citizenship	USA
Post Office Address	34 BATTLE RIDGE ROAD						
Post Office Address							
City	MORRIS PLAINS	State	NJ	ZIP	07950	Country	USA
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
BAMA		SANTHANAN					
Inventor's Signature							Date
Residence: City	BRIDGEWATER	State	NJ	Country	USA	Citizenship	INDIA
Post Office Address	10 SOMERSET AVENUE						
Post Office Address							
City	BRIDGEWATER	State	NJ	ZIP	08807	Country	USA
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
SCOTT JEFFREY		KEMP					
Inventor's Signature							Date
Residence: City	SAN DIEGO	State	CA	Country	USA	Citizenship	USA
Post Office Address	7873 AVENIDA NAVIDAD #263						
Post Office Address							
City	SAN DIEGO	State	CA	ZIP	92130	Country	USA

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<b>DECLARATION</b>		<b>ADDITIONAL INVENTOR(S)</b> <b>Supplemental Sheet</b> Page <u>8</u> of <u>9</u>
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<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
ODILE ESTHER			LEVY				
Inventor's Signature						Date	
Residence: City	SAN DIEGO	State	CA	Country	USA	Citizenship	USA
Post Office Address	5304 RUETTE DE MER						
Post Office Address							
City	SAN DIEGO	State	NJ	ZIP	92130	Country	USA
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
MARGUERITA			LIM-WILBY				
Inventor's Signature						Date	
Residence: City	LA JOLLA	State	CA	Country	USA	Citizenship	MALAYSIA
Post Office Address	6333 CASTENJON DRIVE						
Post Office Address							
City	SANTA FE	State	NM	ZIP	92037	Country	USA
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
SUSAN Y.			TAMURA				
Inventor's Signature						Date	
Residence: City	SANTA FE	State	NM	Country	USA	Citizenship	USA
Post Office Address	2213 CALLE CACIQUE						
Post Office Address							
City	SANTA FE	State	NM	ZIP	87505	Country	USA

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

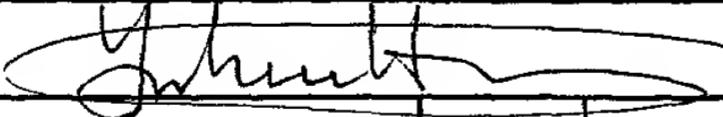
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<b>DECLARATION</b>		<b>ADDITIONAL INVENTOR(S)</b> <b>Supplemental Sheet</b> Page <u>9</u> of <u>9</u>
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<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor						
Given Name (first and middle [if any])			Family Name or Surname					
WANLI			WU					
Inventor's Signature							Date	6/8/01
Residence: City	EDISON	State	NJ	Country	USA	Citizenship	CHINA	
Post Office Address	30 SHEPPARD PLACE							
Post Office Address								
City	EDISON	State	NJ	ZIP	08817	Country	USA	
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor						
Given Name (first and middle [if any])			Family Name or Surname					
SISKA			HENDRATA					
Inventor's Signature							Date	6/8/01
Residence: City	EDISON	State	NJ	Country	USA	Citizenship	CHINA	
Post Office Address	25 CINDER ROAD, APT. 2F							
Post Office Address								
City	EDISON	State	NJ	ZIP	08820	Country	USA	
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor						
Given Name (first and middle [if any])			Family Name or Surname					
YUHUA			HUANG					
Inventor's Signature							Date	6/8/01
Residence: City	SCOTCH PLAINS	State	NJ	Country	USA	Citizenship	CHINA	
Post Office Address	61 SPRUCE MILL LANE							
Post Office Address								
City	SCOTCH PLAINS	State	NJ	ZIP	07076	Country	USA	

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**DECLARATION FOR UTILITY OR  
DESIGN  
PATENT APPLICATION  
(37 CFR 1.63)**

Declaration Submitted with Initial Filing       Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)

Attorney Docket Number	IN01159K
First Named Inventor	SAKSENA, et al
<b>COMPLETE IF KNOWN</b>	
Application Number	/
Filing Date	July 19, 2001
Group Art Unit	To Be Assigned
Examiner Name	To Be Assigned

As a below named Inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**NOVEL PEPTIDES AS NS3-SERINE PROTEASE INHIBITORS  
OF HEPATITIS C VIRUS**

the specification of which

*(Title of the Invention)*

is attached hereto

OR

was filed on (MM/DD/YYYY)

as United States Application Number or PCT International

Application Number

and was amended on (MM/DD/YYYY)

(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?
			<input type="checkbox"/>	<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>

Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)	<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.
<input type="text"/>	<input type="text"/>	<input type="checkbox"/>

[Page 1 of 2]

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date:

Typed or printed name

Signature

Date

Express Mail Label No.

EI403237293US

Date

July 19, 2001

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## DECLARATION — Utility or Design Patent Application

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application or PCT Parent Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)	
<input type="checkbox"/> Additional U.S. or PCT international application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.			
As a named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: <input checked="" type="checkbox"/> Customer Number <b>24265</b> → <input type="checkbox"/> Place Customer Number Bar Code Label here OR <input type="checkbox"/> Registered practitioner(s) name/registration number listed below			
Name	Registration Number	Name	Registration Number
<input type="checkbox"/> Additional registered practitioner(s) named on supplemental Registered Practitioner Information sheet PTO/SB/02C attached hereto.			

Direct all correspondence to: <input checked="" type="checkbox"/> Customer Number or Bar Code Label <b>24265</b>		OR <input type="checkbox"/> Correspondence address below			
Name	PALAIYUR S. KALYANARAMAN			Reg. No. 34634	
Address					
Address					
City		State		ZIP	
Country		Telephone	(908) 298-5068	Fax	(908) 298-5388

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or First Inventor:	<input type="checkbox"/> A petition has been filed for this unsigned inventor						
Given Name (first and middle if any)			Family Name or Surname				
ANIL K.			SAKSENA				
Inventor's Signature						Date	
Residence: City	UPPER MONTCLAIR	State	NJ	Country	USA	Citizenship	USA
Post Office Address	53 BEVERLY ROAD						
Post Office Address							
City	UPPER MONTCLAIR	State	NJ	ZIP	07043	Country	USA

Additional inventors are being named on the **7** supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto

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PTO/SB/02A (3-97)

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## DECLARATION

ADDITIONAL INVENTOR(S)  
Supplemental Sheet  
Page 1 of 9

<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
VIYYOOR MOOPIL			GIRIJAVALLABHAN				
Inventor's Signature						Date	
Residence: City	PARSIPPANY	State	NJ	Country	USA	Citizenship	USA
Post Office Address	10 MAPLEWOOD DRIVE						
Post Office Address							
City	PARSIPPANY	State	NJ	ZIP	07054	Country	USA
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
RAYMOND G.			LOVEY				
Inventor's Signature						Date	
Residence: City	WEST CALDWELL	State	NJ	Country	USA	Citizenship	USA
Post Office Address	65 WOODSIDE AVENUE						
Post Office Address							
City	WEST CALDWELL	State	NJ	ZIP	07006	Country	USA
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
EDWIN			JAO				
Inventor's Signature						Date	
Residence: City	WARREN	State	NJ	Country	USA	Citizenship	USA
Post Office Address	20 CROSSWOOD WAY						
Post Office Address							
City	WARREN	State	NJ	ZIP	07059	Country	USA

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**DECLARATION****ADDITIONAL INVENTOR(S)**  
**Supplemental Sheet**  
Page 2 of 9

<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
FRANK			BENNETT				
Inventor's Signature						Date	
Residence: City	PISCATAWAY	State	NJ	Country	USA	Citizenship	SCOTLAND
Post Office Address	419 DRACO ROAD						
Post Office Address							
City	PISCATAWAY	State	NJ	ZIP	08854	Country	USA
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
JINPING L.			MC CORMICK				
Inventor's Signature						Date	
Residence: City	EDISON	State	NJ	Country	USA	Citizenship	USA
Post Office Address	5 PACE DRIVE						
Post Office Address							
City	EDISON	State	NJ	ZIP	08820	Country	USA
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
HAIYAN			WANG				
Inventor's Signature						Date	
Residence: City	CRANBURY	State	NJ	Country	USA	Citizenship	CHINA
Post Office Address	5 CUBBERLY COURT						
Post Office Address							
City	CRANBURY	State	NJ	ZIP	08512	Country	USA

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## DECLARATION

### ADDITIONAL INVENTOR(S) Supplemental Sheet

Page 3 of 9

<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
RUSSELL E.			PIKE				
Inventor's Signature						Date	
Residence: City	STANHOPE	State	NJ	Country	USA	Citizenship	USA
Post Office Address	RD #1, 31 FLORENCE STREET						
Post Office Address							
City	STANHOPE	State	NJ	ZIP	07874	Country	USA
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
STEPHANE L.			BOGEN				
Inventor's Signature						Date	
Residence: City	SOMERSET	State	NJ	Country	USA	Citizenship	FRANCE
Post Office Address	13 DAHLIA ROAD						
Post Office Address							
City	SOMERSET	State	NJ	ZIP	08873	Country	USA
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
TIN-YAU			CHAN				
Inventor's Signature						Date	
Residence: City	EDISON	State	NJ	Country	USA	Citizenship	HONG KONG
Post Office Address	26 BARLOW ROAD						
Post Office Address							
City	EDISON	State	NJ	ZIP	08817	Country	USA

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## DECLARATION

### ADDITIONAL INVENTOR(S) Supplemental Sheet

Page 4 of 9

<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
YI-TSUNG		LIU					
Inventor's Signature						Date	
Residence: City	MORRIS TOWNSHIP	State	NJ	Country	USA	Citizenship	CHINA
Post Office Address	34 ALEXANDRIA ROAD						
Post Office Address							
City	MORRIS TOWNSHIP	State	NJ	ZIP	07960	Country	USA
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
ZHAONING		ZHU					
Inventor's Signature						Date	
Residence: City	EAST WINDSOR	State	NJ	Country	USA	Citizenship	CHINA
Post Office Address	34 STONEHEDGE DRIVE						
Post Office Address							
City	EAST WINDSOR	State	NJ	ZIP	08520	Country	USA
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
F. GEORGE		NGOROGE					
Inventor's Signature						Date	
Residence: City	WARREN	State	NJ	Country	USA	Citizenship	KENYA
Post Office Address	11 SOFTWOOD WAY						
Post Office Address							
City	WARREN	State	NJ	ZIP	07059	Country	USA

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DECLARATION				ADDITIONAL INVENTOR(S) Supplemental Sheet Page <u>5</u> of <u>9</u>			
Name of Additional Joint Inventor, if any:				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])				Family Name or Surname			
ASHOK				ARASAPPAN			
Inventor's Signature					Date		
Residence: City	BRIDGEWATER	State	NJ	Country	USA	Citizenship	INDIA
Post Office Address	18LARSEN COURT						
Post Office Address							
City	BRIDGEWATER	State	NJ	ZIP	08807	Country	USA
Name of Additional Joint Inventor, if any:				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])				Family Name or Surname			
TEJAL				PAREKH			
Inventor's Signature					Date		
Residence: City	MOUNTAIN VIEW	State	CA	Country	USA	Citizenship	INDIA
Post Office Address	1885 EDNAMARY WAY, UNIT C						
Post Office Address							
City	MOUNTAIN VIEW	State	CA	ZIP	94040	Country	USA
Name of Additional Joint Inventor, if any:				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])				Family Name or Surname			
ASHIT K.				GANGULY			
Inventor's Signature					Date		
Residence: City	UPPER MONTCLAIR	State	NJ	Country	USA	Citizenship	USA
Post Office Address	96 COOPER AVENUE						
Post Office Address							
City	UPPER MONTCLAIR	State	NJ	ZIP	07043	Country	USA

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**DECLARATION****ADDITIONAL INVENTOR(S)**  
**Supplemental Sheet**  
Page 6 of 9

<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
KEVIN X.			CHEN				
Inventor's Signature						Date	
Residence: City	ISELIN	State	NJ	Country	USA	Citizenship	USA
Post Office Address	44 GILL LANE, APT. 1D						
Post Office Address							
City	ISELIN	State	NJ	ZIP	08830	Country	USA
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
SRIKANTH			VENKATRAMAN				
Inventor's Signature						Date	
Residence: City	FORDS	State	NJ	Country	USA	Citizenship	INDIA
Post Office Address	6 TULIP DRIVE, #3H						
Post Office Address							
City	FORDS	State	NJ	ZIP	08863	Country	USA
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
HENRY A.			VACCARO				
Inventor's Signature						Date	
Residence: City	SOUTH PLAINFIELD	State	NJ	Country	USA	Citizenship	USA
Post Office Address	123 SOMERSET AVENUE						
Post Office Address							
City	SOUTH PLAINFIELD	State	NJ	ZIP	07080	Country	USA

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**DECLARATION****ADDITIONAL INVENTOR(S)**  
**Supplemental Sheet**  
Page 7 of 9

<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
PATRICK A.			PINTO				
Inventor's Signature						Date	
Residence: City	MORRIS PLAINS	State	NJ	Country	USA	Citizenship	USA
Post Office Address	34 BATTLE RIDGE ROAD						
Post Office Address							
City	MORRIS PLAINS	State	NJ	ZIP	07950	Country	USA
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
BAMA			SANTHANAN M 6/15/01				
Inventor's Signature	<i>S. Bama.</i>					Date	6/15/01
Residence: City	BRIDGEWATER	State	NJ	Country	USA	Citizenship	INDIA
Post Office Address	10 SOMERSET AVENUE						
Post Office Address							
City	BRIDGEWATER	State	NJ	ZIP	08807	Country	USA
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
SCOTT JEFFREY			KEMP				
Inventor's Signature						Date	
Residence: City	SAN DIEGO	State	CA	Country	USA	Citizenship	USA
Post Office Address	7873 AVENIDA NAVIDAD #263						
Post Office Address							
City	SAN DIEGO	State	CA	ZIP	92130	Country	USA

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### ADDITIONAL INVENTOR(S) Supplemental Sheet

Page 8 of 9

<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
ODILE ESTHER			LEVY				
Inventor's Signature						Date	
Residence: City	SAN DIEGO	State	CA	Country	USA	Citizenship	USA
Post Office Address	5304 RUETTE DE MER						
Post Office Address							
City	SAN DIEGO	State	NJ	ZIP	92130	Country	USA
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
MARGUERITA			LIM-WILBY				
Inventor's Signature						Date	
Residence: City	LA JOLLA	State	CA	Country	USA	Citizenship	MALAYSIA
Post Office Address	6333 CASTENJON DRIVE						
Post Office Address							
City	SANTA FE	State	NM	ZIP	92037	Country	USA
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
SUSAN Y.			TAMURA				
Inventor's Signature						Date	
Residence: City	SANTA FE	State	NM	Country	USA	Citizenship	USA
Post Office Address	2213 CALLE CACIQUE						
Post Office Address							
City	SANTA FE	State	NM	ZIP	87505	Country	USA

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<b>DECLARATION</b>		<b>ADDITIONAL INVENTOR(S)</b> <b>Supplemental Sheet</b> Page <u>9</u> of <u>9</u>
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<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
WANLI			WU				
Inventor's Signature						Date	
Residence: City	EDISON	State	NJ	Country	USA	Citizenship	CHINA
Post Office Address	30 SHEPPARD PLACE						
Post Office Address							
City	EDISON	State	NJ	ZIP	08817	Country	USA
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
SISKA			HENDRATA				
Inventor's Signature						Date	
Residence: City	EDISON	State	NJ	Country	USA	Citizenship	CHINA
Post Office Address	25 CINDER ROAD, APT. 2F						
Post Office Address							
City	EDISON	State	NJ	ZIP	08820	Country	USA
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
YUHUA			HUANG				
Inventor's Signature						Date	
Residence: City	SCOTCH PLAINS	State	NJ	Country	USA	Citizenship	CHINA
Post Office Address	61 SPRUCE MILL LANE						
Post Office Address							
City	SCOTCH PLAINS	State	NJ	ZIP	07076	Country	USA

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**DECLARATION FOR UTILITY OR  
DESIGN  
PATENT APPLICATION  
(37 CFR 1.63)**

Declaration Submitted with Initial Filing       Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)

Attorney Docket Number	IN01159K
First Named Inventor	SAKSENA, et al
<b>COMPLETE IF KNOWN</b>	
Application Number	/
Filing Date	July 19, 2001
Group Art Unit	To Be Assigned
Examiner Name	to Be Assigned

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**NOVEL PEPTIDES AS NS3-SERINE PROTEASE INHIBITORS  
OF HEPATITIS C VIRUS**

the specification of which

(Title of the Invention)

is attached hereto

OR

was filed on (MM/DD/YYYY)

as United States Application Number or PCT International

Application Number  and was amended on (MM/DD/YYYY)  (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT International application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached? YES	Certified Copy Attached? NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)	<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

[Page 1 of 2]

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date:

Typed or printed name

Signature

Date

Express Mail Label No.

E1403237293US

Date

July 19, 2001

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## DECLARATION — Utility or Design Patent Application

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application or PCT Parent Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)

Additional U.S. or PCT international application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

As a named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:  Customer Number  →  Place Customer Number Bar Code Label here  
 Registered practitioner(s) name/registration number listed below

Name	Registration Number	Name	Registration Number

Additional registered practitioner(s) named on supplemental Registered Practitioner Information sheet PTO/SB/02C attached hereto.

Direct all correspondence to:  Customer Number or Bar Code Label  OR  Correspondence address below

Name	PALAIYUR S. KALYANARAMAN Reg. No. 34634		
Address			
Address			
City		State	
Country		Telephone	(908) 298-5068
		Fax	(908) 298-5388

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or First Inventor:	<input type="checkbox"/> A petition has been filed for this unsigned inventor						
Given Name (first and middle [if any])		Family Name or Surname					
ANIL K.		SAKSENA					
Inventor's Signature				Date			
Residence: City	UPPER MONTCLAIR	State	NJ	Country	USA	Citizenship	USA
Post Office Address	53 BEVERLY ROAD						
Post Office Address							
City	UPPER MONTCLAIR	State	NJ	ZIP	07043	Country	USA

Additional inventors are being named on the 7 supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto

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PTO/SB/02A (3-97)

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DECLARATION				ADDITIONAL INVENTOR(S) Supplemental Sheet Page <u>1</u> of <u>9</u>			
Name of Additional Joint Inventor, if any:				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])				Family Name or Surname			
VIYYOOR MOOPIL				GIRIJAVALLABHAN			
Inventor's Signature					Date		
Residence: City	PARSIPPANY	State	NJ	Country	USA	Citizenship	USA
Post Office Address	10 MAPLEWOOD DRIVE						
Post Office Address							
City	PARSIPPANY	State	NJ	ZIP	07054	Country	USA
Name of Additional Joint Inventor, if any:				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])				Family Name or Surname			
RAYMOND G.				LOVEY			
Inventor's Signature					Date		
Residence: City	WEST CALDWELL	State	NJ	Country	USA	Citizenship	USA
Post Office Address	65 WOODSIDE AVENUE						
Post Office Address							
City	WEST CALDWELL	State	NJ	ZIP	07006	Country	USA
Name of Additional Joint Inventor, if any:				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])				Family Name or Surname			
EDWIN				JAO			
Inventor's Signature					Date		
Residence: City	WARREN	State	NJ	Country	USA	Citizenship	USA
Post Office Address	20 CROSSWOOD WAY						
Post Office Address							
City	WARREN	State	NJ	ZIP	07059	Country	USA

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DECLARATION				ADDITIONAL INVENTOR(S) Supplemental Sheet Page <u>2</u> of <u>2</u>			
Name of Additional Joint Inventor, if any:				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])				Family Name or Surname			
FRANK				BENNETT			
Inventor's Signature					Date		
Residence: City	PISCATAWAY	State	NJ	Country	USA	Citizenship	SCOTLAND
Post Office Address	419 DRACO ROAD						
Post Office Address							
City	PISCATAWAY	State	NJ	ZIP	08854	Country	USA
Name of Additional Joint Inventor, if any:				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])				Family Name or Surname			
JINPING L.				MC CORMICK			
Inventor's Signature					Date		
Residence: City	EDISON	State	NJ	Country	USA	Citizenship	USA
Post Office Address	5 PACE DRIVE						
Post Office Address							
City	EDISON	State	NJ	ZIP	08820	Country	USA
Name of Additional Joint Inventor, if any:				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])				Family Name or Surname			
HAIYAN				WANG			
Inventor's Signature					Date		
Residence: City	CRANBURY	State	NJ	Country	USA	Citizenship	CHINA
Post Office Address	5 CUBBERLY COURT						
Post Office Address							
City	CRANBURY	State	NJ	ZIP	08512	Country	USA

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**DECLARATION****ADDITIONAL INVENTOR(S)**  
**Supplemental Sheet**  
Page 3 of 9

<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
RUSSELL E.			PIKE				
Inventor's Signature						Date	
Residence: City	STANHOPE	State	NJ	Country	USA	Citizenship	USA
Post Office Address	RD #1, 31 FLORENCE STREET						
Post Office Address							
City	STANHOPE	State	NJ	ZIP	07874	Country	USA
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
STEPHANE L.			BOGEN				
Inventor's Signature						Date	
Residence: City	SOMERSET	State	NJ	Country	USA	Citizenship	FRANCE
Post Office Address	13 DAHLIA ROAD						
Post Office Address							
City	SOMERSET	State	NJ	ZIP	08873	Country	USA
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
TIN-YAU			CHAN				
Inventor's Signature						Date	
Residence: City	EDISON	State	NJ	Country	USA	Citizenship	HONG KONG
Post Office Address	26 BARLOW ROAD						
Post Office Address							
City	EDISON	State	NJ	ZIP	08817	Country	USA

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DECLARATION				ADDITIONAL INVENTOR(S) Supplemental Sheet Page <u>4</u> of <u>9</u>				
Name of Additional Joint Inventor, if any:				<input type="checkbox"/> A petition has been filed for this unsigned inventor				
Given Name (first and middle [if any])				Family Name or Surname				
YI-TSUNG				LIU				
Inventor's Signature					Date			
Residence: City	MORRIS TOWNSHIP	State	NJ	Country	USA	Citizenship	CHINA	
Post Office Address	34 ALEXANDRIA ROAD							
Post Office Address								
City	MORRIS TOWNSHIP	State	NJ	ZIP	07960	Country	USA	
Name of Additional Joint Inventor, if any:					<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])				Family Name or Surname				
ZHAONING				ZHU				
Inventor's Signature					Date			
Residence: City	EAST WINDSOR	State	NJ	Country	USA	Citizenship	CHINA	
Post Office Address	34 STONEHEDGE DRIVE							
Post Office Address								
City	EAST WINDSOR	State	NJ	ZIP	08520	Country	USA	
Name of Additional Joint Inventor, if any:					<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])				Family Name or Surname				
F. GEORGE				NGOROGE				
Inventor's Signature					Date			
Residence: City	WARREN	State	NJ	Country	USA	Citizenship	KENYA	
Post Office Address	11 SOFTWOOD WAY							
Post Office Address								
City	WARREN	State	NJ	ZIP	07059	Country	USA	

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**DECLARATION**

**ADDITIONAL INVENTOR(S)**  
**Supplemental Sheet**  
Page 5 of 9

<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor						
Given Name (first and middle [if any])				Family Name or Surname				
ASHOK		ARASAPPAN						
Inventor's Signature							Date	
Residence: City	BRIDGEWATER	State	NJ	Country	USA	Citizenship	INDIA	
Post Office Address	18LARSEN COURT							
Post Office Address								
City	BRIDGEWATER	State	NJ	ZIP	08807	Country	USA	
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor						
Given Name (first and middle [if any])				Family Name or Surname				
TEJAL		PAREKH						
Inventor's Signature							Date	
Residence: City	MOUNTAIN VIEW	State	CA	Country	USA	Citizenship	INDIA	
Post Office Address	1885 EDNAMARY WAY, UNIT C							
Post Office Address								
City	MOUNTAIN VIEW	State	CA	ZIP	94040	Country	USA	
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor						
Given Name (first and middle [if any])				Family Name or Surname				
ASHIT K.		GANGULY						
Inventor's Signature	<i>Ashit K. Ganguly</i>						Date	6/16/01
Residence: City	UPPER MONTCLAIR	State	NJ	Country	USA	Citizenship	USA	
Post Office Address	96 COOPER AVENUE							
Post Office Address								
City	UPPER MONTCLAIR	State	NJ	ZIP	07043	Country	USA	

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DECLARATION				ADDITIONAL INVENTOR(S) Supplemental Sheet Page <u>6</u> of <u>9</u>			
Name of Additional Joint Inventor, if any:				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])				Family Name or Surname			
KEVIN X.				CHEN			
Inventor's Signature					Date		
Residence: City	ISELIN	State	NJ	Country	USA	Citizenship	USA
Post Office Address	44 GILL LANE, APT. 1D						
Post Office Address							
City	ISELIN	State	NJ	ZIP	08830	Country	USA
Name of Additional Joint Inventor, if any:				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])				Family Name or Surname			
SRIKANTH				VENKATRAMAN			
Inventor's Signature					Date		
Residence: City	FORDS	State	NJ	Country	USA	Citizenship	INDIA
Post Office Address	6 TULIP DRIVE, #3H						
Post Office Address							
City	FORDS	State	NJ	ZIP	08863	Country	USA
Name of Additional Joint Inventor, if any:				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])				Family Name or Surname			
HENRY A.				VACCARO			
Inventor's Signature					Date		
Residence: City	SOUTH PLAINFIELD	State	NJ	Country	USA	Citizenship	USA
Post Office Address	123 SOMERSET AVENUE						
Post Office Address							
City	SOUTH PLAINFIELD	State	NJ	ZIP	07080	Country	USA

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DECLARATION				ADDITIONAL INVENTOR(S) Supplemental Sheet Page <u>7</u> of <u>9</u>			
Name of Additional Joint Inventor, if any:				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])				Family Name or Surname			
PATRICK A.				PINTO			
Inventor's Signature					Date		
Residence: City	MORRIS PLAINS	State	NJ	Country	USA	Citizenship	USA
Post Office Address	34 BATTLE RIDGE ROAD						
Post Office Address							
City	MORRIS PLAINS	State	NJ	ZIP	07950	Country	USA
Name of Additional Joint Inventor, if any:				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])				Family Name or Surname			
BAMA				SANTHANAN			
Inventor's Signature					Date		
Residence: City	BRIDgewater	State	NJ	Country	USA	Citizenship	INDIA
Post Office Address	10 SOMERSET AVENUE						
Post Office Address							
City	BRIDgewater	State	NJ	ZIP	08807	Country	USA
Name of Additional Joint Inventor, if any:				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])				Family Name or Surname			
SCOTT JEFFREY				KEMP			
Inventor's Signature					Date		
Residence: City	SAN DIEGO	State	CA	Country	USA	Citizenship	USA
Post Office Address	7873 AVENIDA NAVIDAD #263						
Post Office Address							
City	SAN DIEGO	State	CA	ZIP	92130	Country	USA

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**DECLARATION**

**ADDITIONAL INVENTOR(S)**  
**Supplemental Sheet**

Page 8 of 9

<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
ODILE ESTHER		LEVY					
Inventor's Signature						Date	
Residence: City	SAN DIEGO	State	CA	Country	USA	Citizenship	USA
Post Office Address	5304 RUETTE DE MER						
Post Office Address							
City	SAN DIEGO	State	NJ	ZIP	92130	Country	USA
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
MARGUERITA		LIM-WILBY					
Inventor's Signature						Date	
Residence: City	LA JOLLA	State	CA	Country	USA	Citizenship	MALAYSIA
Post Office Address	6333 CASTENJON DRIVE						
Post Office Address							
City	SANTA FE	State	NM	ZIP	92037	Country	USA
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
SUSAN Y.		TAMURA					
Inventor's Signature						Date	
Residence: City	SANTA FE	State	NM	Country	USA	Citizenship	USA
Post Office Address	2213 CALLE CACIQUE						
Post Office Address							
City	SANTA FE	State	NM	ZIP	87505	Country	USA

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## DECLARATION

### ADDITIONAL INVENTOR(S)

#### Supplemental Sheet

Page 9 of 9

<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
WANLI			WU				
Inventor's Signature						Date	
Residence: City	EDISON	State	NJ	Country	USA	Citizenship	CHINA
Post Office Address	30 SHEPPARD PLACE						
Post Office Address							
City	EDISON	State	NJ	ZIP	08817	Country	USA
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
SISKA			HENDRATA				
Inventor's Signature						Date	
Residence: City	EDISON	State	NJ	Country	USA	Citizenship	CHINA
Post Office Address	25 CINDER ROAD, APT. 2F						
Post Office Address							
City	EDISON	State	NJ	ZIP	08820	Country	USA
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
YUHUA			HUANG				
Inventor's Signature						Date	
Residence: City	SCOTCH PLAINS	State	NJ	Country	USA	Citizenship	CHINA
Post Office Address	61 SPRUCE MILL LANE						
Post Office Address							
City	SCOTCH PLAINS	State	NJ	ZIP	07076	Country	USA

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**DECLARATION FOR UTILITY OR  
DESIGN  
PATENT APPLICATION  
(37 CFR 1.63)**

Declaration Submitted with Initial Filing       Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)

Attorney Docket Number	IN01159K
First Named Inventor	SAKSENA, et al
<b>COMPLETE IF KNOWN</b>	
Application Number	/
Filing Date	July 19, 2001
Group Art Unit	To Be Assigned
Examiner Name	to Be Assigned

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**NOVEL PEPTIDES AS NS3-SERINE PROTEASE INHIBITORS  
OF HEPATITIS C VIRUS**

the specification of which

*(Title of the Invention)*

is attached hereto

OR

was filed on (MM/DD/YYYY)  as United States Application Number or PCT International

Application Number  and was amended on (MM/DD/YYYY)  (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?
			<input type="checkbox"/>	<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>

Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)	Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.
<input type="text"/>	<input type="text"/>	<input type="checkbox"/>

[Page 1 of 2]

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date:

Typed or printed name

Signature

Date

Express Mail Label No.

E1403237293US

Date

July 19, 2001

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## DECLARATION — Utility or Design Patent Application

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application or PCT Parent Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)

Additional U.S. or PCT international application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

As a named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:  Customer Number  →  Place Customer Number Bar Code Label here

OR  
 Registered practitioner(s) name/registration number listed below

Name	Registration Number	Name	Registration Number

Additional registered practitioner(s) named on supplemental Registered Practitioner Information sheet PTO/SB/02C attached hereto.

Direct all correspondence to:  Customer Number or Bar Code Label  OR  Correspondence address below

Name	PALAIYUR S. KALYANARAMAN	Reg. No. 34634			
Address					
Address					
City		State		ZIP	
Country		Telephone	(908) 298-5068	Fax	(908) 298-5388

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or First Inventor:	<input type="checkbox"/> A petition has been filed for this unsigned inventor						
Given Name (first and middle if any)			Family Name or Surname				
ANIL K.			SAKSENA				
Inventor's Signature						Date	
Residence: City	UPPER MONTCLAIR	State	NJ	Country	USA	Citizenship	USA
Post Office Address	53 BEVERLY ROAD						
Post Office Address							
City	UPPER MONTCLAIR	State	NJ	ZIP	07043	Country	USA

Additional inventors are being named on the 7 supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto

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## DECLARATION

### ADDITIONAL INVENTOR(S) Supplemental Sheet

Page 1 of 9

<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
VIYYOOR MOOPIL			GIRIJAVALLABHAN				
Inventor's Signature						Date	
Residence: City	PARSIPPANY	State	NJ	Country	USA	Citizenship	USA
Post Office Address	10 MAPLEWOOD DRIVE						
Post Office Address							
City	PARSIPPANY	State	NJ	ZIP	07054	Country	USA
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
RAYMOND G.			LOVEY				
Inventor's Signature						Date	
Residence: City	WEST CALDWELL	State	NJ	Country	USA	Citizenship	USA
Post Office Address	65 WOODSIDE AVENUE						
Post Office Address							
City	WEST CALDWELL	State	NJ	ZIP	07006	Country	USA
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
EDWIN			JAO				
Inventor's Signature						Date	
Residence: City	WARREN	State	NJ	Country	USA	Citizenship	USA
Post Office Address	20 CROSSWOOD WAY						
Post Office Address							
City	WARREN	State	NJ	ZIP	07059	Country	USA

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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**DECLARATION****ADDITIONAL INVENTOR(S)**  
**Supplemental Sheet**  
Page 2 of 9

<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])				Family Name or Surname			
FRANK		BENNETT					
Inventor's Signature							Date
Residence: City	PISCATAWAY	State	NJ	Country	USA	Citizenship	SCOTLAND
Post Office Address	419 DRACO ROAD						
Post Office Address							
City	PISCATAWAY	State	NJ	ZIP	08854	Country	USA
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])				Family Name or Surname			
JINPING L.		MC CORMICK					
Inventor's Signature							Date
Residence: City	EDISON	State	NJ	Country	USA	Citizenship	USA
Post Office Address	5 PACE DRIVE						
Post Office Address							
City	EDISON	State	NJ	ZIP	08820	Country	USA
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])				Family Name or Surname			
HAIYAN		WANG					
Inventor's Signature							Date
Residence: City	CRANBURY	State	NJ	Country	USA	Citizenship	CHINA
Post Office Address	5 CUBBERLY COURT						
Post Office Address							
City	CRANBURY	State	NJ	ZIP	08512	Country	USA

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## DECLARATION

### ADDITIONAL INVENTOR(S) Supplemental Sheet Page 3 of 9

<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])				Family Name or Surname			
RUSSELL E.				PIKE			
Inventor's Signature					Date		
Residence: City	STANHOPE	State	NJ	Country	USA	Citizenship	USA
Post Office Address	RD #1, 31 FLORENCE STREET						
Post Office Address							
City	STANHOPE	State	NJ	ZIP	07874	Country	USA
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])				Family Name or Surname			
STEPHANE L.				BOGEN			
Inventor's Signature					Date		
Residence: City	SOMERSET	State	NJ	Country	USA	Citizenship	FRANCE
Post Office Address	13 DAHLIA ROAD						
Post Office Address							
City	SOMERSET	State	NJ	ZIP	08873	Country	USA
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])				Family Name or Surname			
TIN-YAU				CHAN			
Inventor's Signature					Date		
Residence: City	EDISON	State	NJ	Country	USA	Citizenship	HONG KONG
Post Office Address	26 BARLOW ROAD						
Post Office Address							
City	EDISON	State	NJ	ZIP	08817	Country	USA

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<b>DECLARATION</b>		<b>ADDITIONAL INVENTOR(S)</b> <b>Supplemental Sheet</b> Page <u>4</u> of <u>9</u>
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<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor						
Given Name (first and middle [if any])			Family Name or Surname					
YI-TSUNG			LIU					
Inventor's Signature							Date	
Residence: City	MORRIS TOWNSHIP	State	NJ	Country	USA	Citizenship	CHINA	
Post Office Address	34 ALEXANDRIA ROAD							
Post Office Address								
City	MORRIS TOWNSHIP	State	NJ	ZIP	07960	Country	USA	
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor						
Given Name (first and middle [if any])			Family Name or Surname					
ZHAONING			ZHU					
Inventor's Signature							Date	
Residence: City	EAST WINDSOR	State	NJ	Country	USA	Citizenship	CHINA	
Post Office Address	34 STONEHEDGE DRIVE							
Post Office Address								
City	EAST WINDSOR	State	NJ	ZIP	08520	Country	USA	
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor						
Given Name (first and middle [if any])			Family Name or Surname					
F. GEORGE			NGOROGE					
Inventor's Signature							Date	
Residence: City	WARREN	State	NJ	Country	USA	Citizenship	KENYA	
Post Office Address	11 SOFTWOOD WAY							
Post Office Address								
City	WARREN	State	NJ	ZIP	07059	Country	USA	

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<b>DECLARATION</b>		<b>ADDITIONAL INVENTOR(S)</b> <b>Supplemental Sheet</b> Page <u>5</u> of <u>9</u>
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<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])				Family Name or Surname			
ASHOK		ARASAPPAN					
Inventor's Signature							Date
Residence: City	BRIDGEWATER	State	NJ	Country	USA	Citizenship	INDIA
Post Office Address	18LARSEN COURT						
Post Office Address							
City	BRIDGEWATER	State	NJ	ZIP	08807	Country	USA
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])				Family Name or Surname			
TEJAL		PAREKH					
Inventor's Signature	<i>Sparan</i>						Date
Residence: City	MOUNTAIN VIEW	State	CA	Country	USA	Citizenship	INDIA
Post Office Address	1885 EDNAMARY WAY, UNIT C						
Post Office Address							
City	MOUNTAIN VIEW	State	CA	ZIP	94040	Country	USA
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])				Family Name or Surname			
ASHIT K.		GANGULY					
Inventor's Signature							Date
Residence: City	UPPER MONTCLAIR	State	NJ	Country	USA	Citizenship	USA
Post Office Address	96 COOPER AVENUE						
Post Office Address							
City	UPPER MONTCLAIR	State	NJ	ZIP	07043	Country	USA

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<b>DECLARATION</b>		<b>ADDITIONAL INVENTOR(S)</b> <b>Supplemental Sheet</b> Page <u>6</u> of <u>9</u>
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<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])				Family Name or Surname			
KEVIN X.				CHEN			
Inventor's Signature							Date
Residence: City	ISELIN	State	NJ	Country	USA	Citizenship	USA
Post Office Address	44 GILL LANE, APT. 1D						
Post Office Address							
City	ISELIN	State	NJ	ZIP	08830	Country	USA
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])				Family Name or Surname			
SRIKANTH				VENKATRAMAN			
Inventor's Signature							Date
Residence: City	FORDS	State	NJ	Country	USA	Citizenship	INDIA
Post Office Address	6 TULIP DRIVE, #3H						
Post Office Address							
City	FORDS	State	NJ	ZIP	08863	Country	USA
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])				Family Name or Surname			
HENRY A.				VACCARO			
Inventor's Signature							Date
Residence: City	SOUTH PLAINFIELD	State	NJ	Country	USA	Citizenship	USA
Post Office Address	123 SOMERSET AVENUE						
Post Office Address							
City	SOUTH PLAINFIELD	State	NJ	ZIP	07080	Country	USA

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**DECLARATION****ADDITIONAL INVENTOR(S)**  
**Supplemental Sheet**  
Page 7 of 9

<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
PATRICK A.		PINTO					
Inventor's Signature						Date	
Residence: City	MORRIS PLAINS	State	NJ	Country	USA	Citizenship	USA
Post Office Address	34 BATTLE RIDGE ROAD						
Post Office Address							
City	MORRIS PLAINS	State	NJ	ZIP	07950	Country	USA
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
BAMA		SANTHANAN					
Inventor's Signature						Date	
Residence: City	BRIDGEWATER	State	NJ	Country	USA	Citizenship	INDIA
Post Office Address	10 SOMERSET AVENUE						
Post Office Address							
City	BRIDGEWATER	State	NJ	ZIP	08807	Country	USA
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
SCOTT JEFFREY		KEMP					
Inventor's Signature						Date	
Residence: City	SAN DIEGO	State	CA	Country	USA	Citizenship	USA
Post Office Address	7873 AVENIDA NAVIDAD #263						
Post Office Address							
City	SAN DIEGO	State	CA	ZIP	92130	Country	USA

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## DECLARATION

### ADDITIONAL INVENTOR(S) Supplemental Sheet

Page 8 of 9

<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
ODILE ESTHER			LEVY				
Inventor's Signature						Date	
Residence: City	SAN DIEGO	State	CA	Country	USA	Citizenship	USA
Post Office Address	5304 RUETTE DE MER						
Post Office Address							
City	SAN DIEGO	State	NJ	ZIP	92130	Country	USA
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
MARGUERITA			LIM-WILBY				
Inventor's Signature						Date	
Residence: City	LA JOLLA	State	CA	Country	USA	Citizenship	MALAYSIA
Post Office Address	6333 CASTENJON DRIVE						
Post Office Address							
City	SANTA FE	State	NM	ZIP	92037	Country	USA
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
SUSAN Y.			TAMURA				
Inventor's Signature						Date	
Residence: City	SANTA FE	State	NM	Country	USA	Citizenship	USA
Post Office Address	2213 CALLE CACIQUE						
Post Office Address							
City	SANTA FE	State	NM	ZIP	87505	Country	USA

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## DECLARATION

### ADDITIONAL INVENTOR(S) Supplemental Sheet Page 9 of 9

<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
WANLI		WU					
Inventor's Signature						Date	
Residence: City	EDISON	State	NJ	Country	USA	Citizenship	CHINA
Post Office Address	30 SHEPPARD PLACE						
Post Office Address							
City	EDISON	State	NJ	ZIP	08817	Country	USA
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
SISKA		HENDRATA					
Inventor's Signature						Date	
Residence: City	EDISON	State	NJ	Country	USA	Citizenship	CHINA
Post Office Address	25 CINDER ROAD, APT. 2F						
Post Office Address							
City	EDISON	State	NJ	ZIP	08820	Country	USA
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
YUHUA		HUANG					
Inventor's Signature						Date	
Residence: City	SCOTCH PLAINS	State	NJ	Country	USA	Citizenship	CHINA
Post Office Address	61 SPRUCE MILL LANE						
Post Office Address							
City	SCOTCH PLAINS	State	NJ	ZIP	07076	Country	USA

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**DECLARATION FOR UTILITY OR  
DESIGN  
PATENT APPLICATION  
(37 CFR 1.63)**

Declaration  
Submitted  
with Initial  
Filing

OR

Declaration  
Submitted after Initial  
Filing (surcharge  
(37 CFR 1.16 (e))  
required)

Attorney Docket Number	IN01159K
First Named Inventor	SAKSENA, et al
<b>COMPLETE IF KNOWN</b>	
Application Number	/
Filing Date	July 19, 2001
Group Art Unit	To Be Assigned
Examiner Name	to Be Assigned

As a below named Inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**NOVEL PEPTIDES AS NS3-SERINE PROTEASE INHIBITORS  
OF HEPATITIS C VIRUS**

the specification of which

*(Title of the Invention)*

is attached hereto

OR

was filed on (MM/DD/YYYY)

as United States Application Number or PCT International

Application Number

and was amended on (MM/DD/YYYY)  (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>

Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)	Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.
		<input type="checkbox"/>

[Page 1 of 2]

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date:

Typed or printed name

Signature

Date

Express Mail Label No.  E1403237293US

Date  July 19, 2001

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PTO/SB/01 (12-97)

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Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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## DECLARATION — Utility or Design Patent Application

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application or PCT Parent Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)

Additional U.S. or PCT international application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

As a named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:  Customer Number  →  Place Customer Number Bar Code Label here  
OR  
 Registered practitioner(s) name/registration number listed below

Name	Registration Number	Name	Registration Number

Additional registered practitioner(s) named on supplemental Registered Practitioner Information sheet PTO/SB/02C attached hereto.

Direct all correspondence to:  Customer Number or Bar Code Label  OR  Correspondence address below

Name	PALAIYUR S. KALYANARAMAN			Reg. No. 34634
Address				
Address				
City		State		ZIP
Country	Telephone	(908) 298-5068		Fax (908) 298-5388

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or First Inventor:	<input type="checkbox"/> A petition has been filed for this unsigned inventor						
Given Name (first and middle if any)		Family Name or Surname					
ANIL K.		SAKSENA					
Inventor's Signature					Date		
Residence: City	UPPER MONTCLAIR	State	NJ	Country	USA	Citizenship	USA
Post Office Address	53 BEVERLY ROAD						
Post Office Address							
City	UPPER MONTCLAIR	State	NJ	ZIP	07043	Country	USA

Additional inventors are being named on the 7 supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto

Please type a plus sign (+) inside this box →

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<b>DECLARATION</b>		<b>ADDITIONAL INVENTOR(S)</b> <b>Supplemental Sheet</b> Page <u>1</u> of <u>9</u>
--------------------	--	---

<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])				Family Name or Surname			
VIYYOOR MOOPIL				GIRIJAVALLABHAN			
Inventor's Signature							Date
Residence: City	PARSIPPANY	State	NJ	Country	USA	Citizenship	USA
Post Office Address	10 MAPLEWOOD DRIVE						
Post Office Address							
City	PARSIPPANY	State	NJ	ZIP	07054	Country	USA
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])				Family Name or Surname			
RAYMOND G.				LOVEY			
Inventor's Signature							Date
Residence: City	WEST CALDWELL	State	NJ	Country	USA	Citizenship	USA
Post Office Address	65 WOODSIDE AVENUE						
Post Office Address							
City	WEST CALDWELL	State	NJ	ZIP	07006	Country	USA
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])				Family Name or Surname			
EDWIN				JAO			
Inventor's Signature							Date
Residence: City	WARREN	State	NJ	Country	USA	Citizenship	USA
Post Office Address	20 CROSSWOOD WAY						
Post Office Address							
City	WARREN	State	NJ	ZIP	07059	Country	USA

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## DECLARATION

### ADDITIONAL INVENTOR(S) Supplemental Sheet Page 2 of 9

<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor						
Given Name (first and middle [if any])				Family Name or Surname				
FRANK		BENNETT						
Inventor's Signature							Date	
Residence: City	PISCATAWAY	State	NJ	Country	USA	Citizenship	SCOTLAND	
Post Office Address	419 DRACO ROAD							
Post Office Address								
City	PISCATAWAY	State	NJ	ZIP	08854	Country	USA	
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor						
Given Name (first and middle [if any])				Family Name or Surname				
JINPING L.		MC CORMICK						
Inventor's Signature							Date	
Residence: City	EDISON	State	NJ	Country	USA	Citizenship	USA	
Post Office Address	5 PACE DRIVE							
Post Office Address								
City	EDISON	State	NJ	ZIP	08820	Country	USA	
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor						
Given Name (first and middle [if any])				Family Name or Surname				
HAIYAN		WANG						
Inventor's Signature	<i>Haiyan Wang</i>						Date	6/13/02
Residence: City	CRANBURY	State	NJ	Country	USA	Citizenship	CHINA	
Post Office Address	5 CUBBERLY COURT							
Post Office Address								
City	CRANBURY	State	NJ	ZIP	08512	Country	USA	

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## DECLARATION

### ADDITIONAL INVENTOR(S) Supplemental Sheet Page 3 of 9

<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor						
Given Name (first and middle [if any])				Family Name or Surname				
RUSSELL E.		PIKE						
Inventor's Signature							Date	
Residence: City	STANHOPE	State	NJ	Country	USA	Citizenship	USA	
Post Office Address	RD #1, 31 FLORENCE STREET							
Post Office Address								
City	STANHOPE	State	NJ	ZIP	07874	Country	USA	
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor						
Given Name (first and middle [if any])				Family Name or Surname				
STEPHANE L.		BOGEN						
Inventor's Signature							Date	
Residence: City	SOMERSET	State	NJ	Country	USA	Citizenship	FRANCE	
Post Office Address	13 DAHLIA ROAD							
Post Office Address								
City	SOMERSET	State	NJ	ZIP	08873	Country	USA	
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor						
Given Name (first and middle [if any])				Family Name or Surname				
TIN-YAU		CHAN						
Inventor's Signature							Date	
Residence: City	EDISON	State	NJ	Country	USA	Citizenship	HONG KONG	
Post Office Address	26 BARLOW ROAD							
Post Office Address								
City	EDISON	State	NJ	ZIP	08817	Country	USA	

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## DECLARATION

### ADDITIONAL INVENTOR(S) Supplemental Sheet

Page 4 of 9

<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])				Family Name or Surname			
YI-TSUNG				LIU			
Inventor's Signature							Date
Residence: City	MORRIS TOWNSHIP	State	NJ	Country	USA	Citizenship	CHINA
Post Office Address	34 ALEXANDRIA ROAD						
Post Office Address							
City	MORRIS TOWNSHIP	State	NJ	ZIP	07960	Country	USA
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])				Family Name or Surname			
ZHAONING				ZHU			
Inventor's Signature							Date
Residence: City	EAST WINDSOR	State	NJ	Country	USA	Citizenship	CHINA
Post Office Address	34 STONEHEDGE DRIVE						
Post Office Address							
City	EAST WINDSOR	State	NJ	ZIP	08520	Country	USA
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])				Family Name or Surname			
F. GEORGE				NGOROGE			
Inventor's Signature							Date
Residence: City	WARREN	State	NJ	Country	USA	Citizenship	KENYA
Post Office Address	11 SOFTWOOD WAY						
Post Office Address							
City	WARREN	State	NJ	ZIP	07059	Country	USA

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**DECLARATION**

**ADDITIONAL INVENTOR(S)**  
**Supplemental Sheet**  
Page 5 of 9

<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
ASHOK		ARASAPPAN					
Inventor's Signature							Date
Residence: City	BRIDGEWATER	State	NJ	Country	USA	Citizenship	INDIA
Post Office Address	18LARSEN COURT						
Post Office Address							
City	BRIDGEWATER	State	NJ	ZIP	08807	Country	USA
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
TEJAL		PAREKH					
Inventor's Signature							Date
Residence: City	MOUNTAIN VIEW	State	CA	Country	USA	Citizenship	INDIA
Post Office Address	1885 EDNAMARY WAY, UNIT C						
Post Office Address							
City	MOUNTAIN VIEW	State	CA	ZIP	94040	Country	USA
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
ASHIT K.		GANGULY					
Inventor's Signature							Date
Residence: City	UPPER MONTCLAIR	State	NJ	Country	USA	Citizenship	USA
Post Office Address	96 COOPER AVENUE						
Post Office Address							
City	UPPER MONTCLAIR	State	NJ	ZIP	07043	Country	USA

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**DECLARATION****ADDITIONAL INVENTOR(S)**  
**Supplemental Sheet**  
Page 6 of 9

<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
KEVIN X.			CHEN				
Inventor's Signature						Date	
Residence: City	ISELIN	State	NJ	Country	USA	Citizenship	USA
Post Office Address	44 GILL LANE, APT. 1D						
Post Office Address							
City	ISELIN	State	NJ	ZIP	08830	Country	USA
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
SRIKANTH			VENKATRAMAN				
Inventor's Signature						Date	
Residence: City	FORDS	State	NJ	Country	USA	Citizenship	INDIA
Post Office Address	6 TULIP DRIVE, #3H						
Post Office Address							
City	FORDS	State	NJ	ZIP	08863	Country	USA
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
HENRY A.			VACCARO				
Inventor's Signature						Date	
Residence: City	SOUTH PLAINFIELD	State	NJ	Country	USA	Citizenship	USA
Post Office Address	123 SOMERSET AVENUE						
Post Office Address							
City	SOUTH PLAINFIELD	State	NJ	ZIP	07080	Country	USA

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## DECLARATION

### ADDITIONAL INVENTOR(S) Supplemental Sheet Page 7 of 9

<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor						
Given Name (first and middle [if any])			Family Name or Surname					
PATRICK A.		PINTO						
Inventor's Signature							Date	
Residence: City	MORRIS PLAINS	State	NJ	Country	USA	Citizenship	USA	
Post Office Address	34 BATTLE RIDGE ROAD							
Post Office Address								
City	MORRIS PLAINS	State	NJ	ZIP	07950	Country	USA	
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor						
Given Name (first and middle [if any])			Family Name or Surname					
BAMA		SANTHANAN						
Inventor's Signature							Date	
Residence: City	BRIDgewater	State	NJ	Country	USA	Citizenship	INDIA	
Post Office Address	10 SOMERSET AVENUE							
Post Office Address								
City	BRIDgewater	State	NJ	ZIP	08807	Country	USA	
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor						
Given Name (first and middle [if any])			Family Name or Surname					
SCOTT JEFFREY		KEMP						
Inventor's Signature							Date	
Residence: City	SAN DIEGO	State	CA	Country	USA	Citizenship	USA	
Post Office Address	7873 AVENIDA NAVIDAD #263							
Post Office Address								
City	SAN DIEGO	State	CA	ZIP	92130	Country	USA	

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## DECLARATION

### ADDITIONAL INVENTOR(S) Supplemental Sheet Page 8 of 9

<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
ODILE ESTHER		LEVY					
Inventor's Signature						Date	
Residence: City	SAN DIEGO	State	CA	Country	USA	Citizenship	USA
Post Office Address	5304 RUETTE DE MER						
Post Office Address							
City	SAN DIEGO	State	NJ	ZIP	92130	Country	USA
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
MARGUERITA		LIM-WILBY					
Inventor's Signature						Date	
Residence: City	LA JOLLA	State	CA	Country	USA	Citizenship	MALAYSIA
Post Office Address	6333 CASTENJON DRIVE						
Post Office Address							
City	SANTA FE	State	NM	ZIP	92037	Country	USA
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
SUSAN Y.		TAMURA					
Inventor's Signature						Date	
Residence: City	SANTA FE	State	NM	Country	USA	Citizenship	USA
Post Office Address	2213 CALLE CACIQUE						
Post Office Address							
City	SANTA FE	State	NM	ZIP	87505	Country	USA

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## DECLARATION

### ADDITIONAL INVENTOR(S) Supplemental Sheet

Page 9 of 9

<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor						
Given Name (first and middle [if any])				Family Name or Surname				
WANLI		WU						
Inventor's Signature							Date	
Residence: City	EDISON	State	NJ	Country	USA	Citizenship	CHINA	
Post Office Address	30 SHEPPARD PLACE							
Post Office Address								
City	EDISON	State	NJ	ZIP	08817	Country	USA	
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor						
Given Name (first and middle [if any])				Family Name or Surname				
SISKA		HENDRATA						
Inventor's Signature							Date	
Residence: City	EDISON	State	NJ	Country	USA	Citizenship	CHINA	
Post Office Address	25 CINDER ROAD, APT. 2F							
Post Office Address								
City	EDISON	State	NJ	ZIP	08820	Country	USA	
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor						
Given Name (first and middle [if any])				Family Name or Surname				
YUHUA		HUANG						
Inventor's Signature							Date	
Residence: City	SCOTCH PLAINS	State	NJ	Country	USA	Citizenship	CHINA	
Post Office Address	61 SPRUCE MILL LANE							
Post Office Address								
City	SCOTCH PLAINS	State	NJ	ZIP	07076	Country	USA	

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**DECLARATION FOR UTILITY OR  
DESIGN  
PATENT APPLICATION  
(37 CFR 1.63)**

Declaration Submitted with Initial Filing       Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)

Attorney Docket Number	IN01159K
First Named Inventor	SAKSENA, et al
<b>COMPLETE IF KNOWN</b>	
Application Number	/
Filing Date	July 19, 2001
Group Art Unit	To Be Assigned
Examiner Name	To Be Assigned

**As a below named inventor, I hereby declare that:**

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**NOVEL PEPTIDES AS NS3-SERINE PROTEASE INHIBITORS  
OF HEPATITIS C VIRUS**

the specification of which

*(Title of the Invention)*

is attached hereto

OR

was filed on (MM/DD/YYYY)

as United States Application Number or PCT International

Application Number

and was amended on (MM/DD/YYYY)  (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?
			<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)	
		<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

[Page 1 of 2]

**CERTIFICATE OF MAILING**

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Date

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Date

July 19, 2001

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## DECLARATION — Utility or Design Patent Application

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application or PCT Parent Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)

Additional U.S. or PCT international application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

As a named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:  Customer Number  →  Place Customer Number Bar Code Label here  
 OR  
 Registered practitioner(s) name/registration number listed below

Name	Registration Number	Name	Registration Number

Additional registered practitioner(s) named on supplemental Registered Practitioner Information sheet PTO/SB/02C attached hereto.

Direct all correspondence to:  Customer Number or Bar Code Label  OR  Correspondence address below

Name	PALAIYUR S. KALYANARAMAN			Reg. No. 34634		
Address						
Address						
City			State		ZIP	
Country	Telephone	(908) 298-5068		Fax	(908) 298-5388	

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or First Inventor:		<input type="checkbox"/> A petition has been filed for this unsigned inventor						
Given Name (first and middle if any)				Family Name or Surname				
ANIL K.				SAKSENA				
Inventor's Signature							Date	
Residence: City	UPPER MONTCLAIR	State	NJ	Country	USA	Citizenship	USA	
Post Office Address	53 BEVERLY ROAD							
Post Office Address								
City	UPPER MONTCLAIR	State	NJ	ZIP	07043	Country	USA	

Additional inventors are being named on the 7 supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto

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**DECLARATION****ADDITIONAL INVENTOR(S)**  
**Supplemental Sheet**  
Page 1 of 9

<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
VIYYOOR MOOPIL			GIRIJAVALLABHAN				
Inventor's Signature						Date	
Residence: City	PARSIPPANY	State	NJ	Country	USA	Citizenship	USA
Post Office Address	10 MAPLEWOOD DRIVE						
Post Office Address							
City	PARSIPPANY	State	NJ	ZIP	07054	Country	USA
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
RAYMOND G.			LOVEY				
Inventor's Signature						Date	
Residence: City	WEST CALDWELL	State	NJ	Country	USA	Citizenship	USA
Post Office Address	65 WOODSIDE AVENUE						
Post Office Address							
City	WEST CALDWELL	State	NJ	ZIP	07006	Country	USA
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
EDWIN			JAO				
Inventor's Signature						Date	
Residence: City	WARREN	State	NJ	Country	USA	Citizenship	USA
Post Office Address	20 CROSSWOOD WAY						
Post Office Address							
City	WARREN	State	NJ	ZIP	07059	Country	USA

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<b>DECLARATION</b>		<b>ADDITIONAL INVENTOR(S)</b> <b>Supplemental Sheet</b> Page <u>2</u> of <u>9</u>
--------------------	--	---

<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor						
Given Name (first and middle [if any])			Family Name or Surname					
FRANK			BENNETT					
Inventor's Signature							Date	
Residence: City	PISCATAWAY	State	NJ	Country	USA	Citizenship	SCOTLAND	
Post Office Address	419 DRACO ROAD							
Post Office Address								
City	PISCATAWAY	State	NJ	ZIP	08854	Country	USA	
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor						
Given Name (first and middle [if any])			Family Name or Surname					
JINPING L.			MC CORMICK					
Inventor's Signature							Date	
Residence: City	EDISON	State	NJ	Country	USA	Citizenship	USA	
Post Office Address	5 PACE DRIVE							
Post Office Address								
City	EDISON	State	NJ	ZIP	08820	Country	USA	
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor						
Given Name (first and middle [if any])			Family Name or Surname					
HAIYAN			WANG					
Inventor's Signature							Date	
Residence: City	CRANBURY	State	NJ	Country	USA	Citizenship	CHINA	
Post Office Address	5 CUBBERLY COURT							
Post Office Address								
City	CRANBURY	State	NJ	ZIP	08512	Country	USA	

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Please type a plus sign (+) inside this box → **DECLARATION****ADDITIONAL INVENTOR(S)**  
**Supplemental Sheet**  
Page 3 of 9

<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor						
Given Name (first and middle [if any])			Family Name or Surname					
RUSSELL E.			PIKE					
Inventor's Signature							Date	
Residence: City	STANHOPE	State	NJ	Country	USA	Citizenship	USA	
Post Office Address	RD #1, 31 FLORENCE STREET							
Post Office Address								
City	STANHOPE	State	NJ	ZIP	07874	Country	USA	
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor						
Given Name (first and middle [if any])			Family Name or Surname					
STEPHANE L.			BOGEN					
Inventor's Signature							Date	
Residence: City	SOMERSET	State	NJ	Country	USA	Citizenship	FRANCE	
Post Office Address	13 DAHLIA ROAD							
Post Office Address								
City	SOMERSET	State	NJ	ZIP	08873	Country	USA	
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor						
Given Name (first and middle [if any])			Family Name or Surname					
TIN-YAU			CHAN					
Inventor's Signature							Date	
Residence: City	EDISON	State	NJ	Country	USA	Citizenship	HONG KONG	
Post Office Address	26 BARLOW ROAD							
Post Office Address								
City	EDISON	State	NJ	ZIP	08817	Country	USA	

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**Supplemental Sheet**  
Page 4 of 9

<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
YI-TSUNG			LIU				
Inventor's Signature						Date	
Residence: City	MORRIS TOWNSHIP	State	NJ	Country	USA	Citizenship	CHINA
Post Office Address	34 ALEXANDRIA ROAD						
Post Office Address							
City	MORRIS TOWNSHIP	State	NJ	ZIP	07960	Country	USA
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
ZHAONING			ZHU				
Inventor's Signature						Date	
Residence: City	EAST WINDSOR	State	NJ	Country	USA	Citizenship	CHINA
Post Office Address	34 STONEHEDGE DRIVE						
Post Office Address							
City	EAST WINDSOR	State	NJ	ZIP	08520	Country	USA
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
F. GEORGE			NGOROGE				
Inventor's Signature						Date	
Residence: City	WARREN	State	NJ	Country	USA	Citizenship	KENYA
Post Office Address	11 SOFTWOOD WAY						
Post Office Address							
City	WARREN	State	NJ	ZIP	07059	Country	USA

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**DECLARATION**

**ADDITIONAL INVENTOR(S)**  
**Supplemental Sheet**  
Page 5 of 9

<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
ASHOK			ARASAPPAN				
Inventor's Signature						Date	
Residence: City	BRIDGEWATER	State	NJ	Country	USA	Citizenship	INDIA
Post Office Address	18LARSEN COURT						
Post Office Address							
City	BRIDGEWATER	State	NJ	ZIP	08807	Country	USA
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
TEJAL			PAREKH				
Inventor's Signature						Date	
Residence: City	MOUNTAIN VIEW	State	CA	Country	USA	Citizenship	INDIA
Post Office Address	1885 EDNAMARY WAY, UNIT C						
Post Office Address							
City	MOUNTAIN VIEW	State	CA	ZIP	94040	Country	USA
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
ASHIT K.			GANGULY				
Inventor's Signature						Date	
Residence: City	UPPER MONTCLAIR	State	NJ	Country	USA	Citizenship	USA
Post Office Address	96 COOPER AVENUE						
Post Office Address							
City	UPPER MONTCLAIR	State	NJ	ZIP	07043	Country	USA

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## DECLARATION

ADDITIONAL INVENTOR(S)  
Supplemental SheetPage 6 of 9

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
KEVIN X.			CHEN				
Inventor's Signature						Date	
Residence: City	ISELIN	State	NJ	Country	USA	Citizenship	USA
Post Office Address	44 GILL LANE, APT. 1D						
Post Office Address							
City	ISELIN	State	NJ	ZIP	08830	Country	USA
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
SRIKANTH			VENKATRAMAN				
Inventor's Signature						Date	
Residence: City	FORDS	State	NJ	Country	USA	Citizenship	INDIA
Post Office Address	6 TULIP DRIVE, #3H						
Post Office Address							
City	FORDS	State	NJ	ZIP	08863	Country	USA
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
HENRY A.			VACCARO				
Inventor's Signature						Date	
Residence: City	SOUTH PLAINFIELD	State	NJ	Country	USA	Citizenship	USA
Post Office Address	123 SOMERSET AVENUE						
Post Office Address							
City	SOUTH PLAINFIELD	State	NJ	ZIP	07080	Country	USA

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## DECLARATION

### ADDITIONAL INVENTOR(S) Supplemental Sheet

Page 7 of 9

<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
PATRICK A.		PINTO					
Inventor's Signature						Date	
Residence: City	MORRIS PLAINS	State	NJ	Country	USA	Citizenship	USA
Post Office Address	34 BATTLE RIDGE ROAD						
Post Office Address							
City	MORRIS PLAINS	State	NJ	ZIP	07950	Country	USA
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
BAMA		SANTHANAN					
Inventor's Signature						Date	
Residence: City	BRIDGEWATER	State	NJ	Country	USA	Citizenship	INDIA
Post Office Address	10 SOMERSET AVENUE						
Post Office Address							
City	BRIDGEWATER	State	NJ	ZIP	08807	Country	USA
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
SCOTT JEFFREY		KEMP					
Inventor's Signature						Date	6/15/01
Residence: City	SAN DIEGO	State	CA	Country	USA	Citizenship	USA
Post Office Address	7873 AVENIDA NAVIDAD #263						
Post Office Address							
City	SAN DIEGO	State	CA	ZIP	92130	Country	USA

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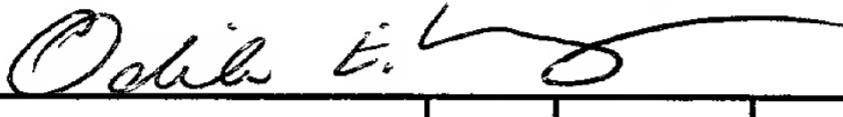
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## DECLARATION

### ADDITIONAL INVENTOR(S) Supplemental Sheet

Page 8 of 9

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
ODILE ESTHER			LEVY				
Inventor's Signature						Date	6/15/01
Residence: City	SAN DIEGO	State	CA	Country	USA	Citizenship	USA
Post Office Address	5304 RUETTE DE MER						
Post Office Address							
City	SAN DIEGO	State	NJ	ZIP	92130	Country	USA
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
MARGUERITA			LIM-WILBY				
Inventor's Signature						Date	6/15/01
Residence: City	LA JOLLA	State	CA	Country	USA	Citizenship	MALAYSIA
Post Office Address	6333 CASTENJON DRIVE						
Post Office Address							
City	SANTA FE	State	NM	ZIP	92037	Country	USA
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
SUSAN Y.			TAMURA				
Inventor's Signature						Date	
Residence: City	SANTA FE	State	NM	Country	USA	Citizenship	USA
Post Office Address	2213 CALLE CACIQUE						
Post Office Address							
City	SANTA FE	State	NM	ZIP	87505	Country	USA

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## DECLARATION

### ADDITIONAL INVENTOR(S) Supplemental Sheet Page 9 of 9

<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor						
Given Name (first and middle [if any])				Family Name or Surname				
WANLI		WU						
Inventor's Signature							Date	
Residence: City	EDISON	State	NJ	Country	USA	Citizenship	CHINA	
Post Office Address	30 SHEPPARD PLACE							
Post Office Address								
City	EDISON	State	NJ	ZIP	08817	Country	USA	
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor						
Given Name (first and middle [if any])				Family Name or Surname				
SISKA		HENDRATA						
Inventor's Signature							Date	
Residence: City	EDISON	State	NJ	Country	USA	Citizenship	CHINA	
Post Office Address	25 CINDER ROAD, APT. 2F							
Post Office Address								
City	EDISON	State	NJ	ZIP	08820	Country	USA	
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor						
Given Name (first and middle [if any])				Family Name or Surname				
YUHUA		HUANG						
Inventor's Signature							Date	
Residence: City	SCOTCH PLAINS	State	NJ	Country	USA	Citizenship	CHINA	
Post Office Address	61 SPRUCE MILL LANE							
Post Office Address								
City	SCOTCH PLAINS	State	NJ	ZIP	07076	Country	USA	

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**DECLARATION FOR UTILITY OR  
DESIGN  
PATENT APPLICATION  
(37 CFR 1.63)**

Declaration Submitted with Initial Filing       Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)

Attorney Docket Number	IN01159K
First Named Inventor	SAKSENA, et al
<b>COMPLETE IF KNOWN</b>	
Application Number	/
Filing Date	July 19, 2001
Group Art Unit	To Be Assigned
Examiner Name	to Be Assigned

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**NOVEL PEPTIDES AS NS3-SERINE PROTEASE INHIBITORS  
OF HEPATITIS C VIRUS**

the specification of which

(Title of the Invention)

 is attached hereto

OR

 was filed on (MM/DD/YYYY) 

as United States Application Number or PCT International

Application Number and was amended on (MM/DD/YYYY)  (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?
			<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>

 Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)	<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.
<input type="text"/>	<input type="text"/>	<input type="checkbox"/>

[Page 1 of 2]

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date:  Typed or printed name SignatureDate 

Express Mail Label No.

E1403237293US

Date

July 19, 2001

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## DECLARATION — Utility or Design Patent Application

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application or PCT Parent Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)

Additional U.S. or PCT international application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

As a named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:  Customer Number  →  Place Customer Number Bar Code Label here

Registered practitioner(s) name/registration number listed below

Name	Registration Number	Name	Registration Number

Additional registered practitioner(s) named on supplemental Registered Practitioner Information sheet PTO/SB/02C attached hereto.

Direct all correspondence to:  Customer Number or Bar Code Label  OR  Correspondence address below

Name	PALAIYUR S. KALYANARAMAN Reg. No. 34634			
Address				
Address				
City	State	ZIP		
Country	Telephone	(908) 298-5068	Fax	(908) 298-5388

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or First Inventor:	<input type="checkbox"/> A petition has been filed for this unsigned inventor						
Given Name (first and middle if any)		Family Name or Surname					
ANIL K.		SAKSENA					
Inventor's Signature				Date			
Residence: City	UPPER MONTCLAIR	State	NJ	Country	USA	Citizenship	USA
Post Office Address	53 BEVERLY ROAD						
Post Office Address							
City	UPPER MONTCLAIR	State	NJ	ZIP	07043	Country	USA

Additional inventors are being named on the 7 supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto

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ADDITIONAL INVENTOR(S)  
Supplemental Sheet  
Page 1 of 9

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
VIYYOOR MOOPIL			GIRIJAVALLABHAN				
Inventor's Signature						Date	
Residence: City	PARSIPPANY	State	NJ	Country	USA	Citizenship	USA
Post Office Address	10 MAPLEWOOD DRIVE						
Post Office Address							
City	PARSIPPANY	State	NJ	ZIP	07054	Country	USA
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
RAYMOND G.			LOVEY				
Inventor's Signature						Date	
Residence: City	WEST CALDWELL	State	NJ	Country	USA	Citizenship	USA
Post Office Address	65 WOODSIDE AVENUE						
Post Office Address							
City	WEST CALDWELL	State	NJ	ZIP	07006	Country	USA
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
EDWIN			JAO				
Inventor's Signature						Date	
Residence: City	WARREN	State	NJ	Country	USA	Citizenship	USA
Post Office Address	20 CROSSWOOD WAY						
Post Office Address							
City	WARREN	State	NJ	ZIP	07059	Country	USA

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### ADDITIONAL INVENTOR(S) Supplemental Sheet Page 2 of 9

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])				Family Name or Surname			
FRANK		BENNETT					
Inventor's Signature							Date
Residence: City	PISCATAWAY	State	NJ	Country	USA	Citizenship	SCOTLAND
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Post Office Address							
City	PISCATAWAY	State	NJ	ZIP	08854	Country	USA
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])				Family Name or Surname			
JINPING L.		MC CORMICK					
Inventor's Signature							Date
Residence: City	EDISON	State	NJ	Country	USA	Citizenship	USA
Post Office Address	5 PACE DRIVE						
Post Office Address							
City	EDISON	State	NJ	ZIP	08820	Country	USA
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])				Family Name or Surname			
HAIYAN		WANG					
Inventor's Signature							Date
Residence: City	CRANBURY	State	NJ	Country	USA	Citizenship	CHINA
Post Office Address	5 CUBBERLY COURT						
Post Office Address							
City	CRANBURY	State	NJ	ZIP	08512	Country	USA

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### ADDITIONAL INVENTOR(S) Supplemental Sheet

Page 3 of 9

<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
RUSSELL E.			PIKE				
Inventor's Signature						Date	
Residence: City	STANHOPE	State	NJ	Country	USA	Citizenship	USA
Post Office Address	RD #1, 31 FLORENCE STREET						
Post Office Address							
City	STANHOPE	State	NJ	ZIP	07874	Country	USA
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
STEPHANE L.			BOGEN				
Inventor's Signature						Date	
Residence: City	SOMERSET	State	NJ	Country	USA	Citizenship	FRANCE
Post Office Address	13 DAHLIA ROAD						
Post Office Address							
City	SOMERSET	State	NJ	ZIP	08873	Country	USA
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
TIN-YAU			CHAN				
Inventor's Signature						Date	
Residence: City	EDISON	State	NJ	Country	USA	Citizenship	HONG KONG
Post Office Address	26 BARLOW ROAD						
Post Office Address							
City	EDISON	State	NJ	ZIP	08817	Country	USA

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### ADDITIONAL INVENTOR(S) Supplemental Sheet Page 4 of 9

<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
YI-TSUNG			LIU				
Inventor's Signature						Date	
Residence: City	MORRIS TOWNSHIP	State	NJ	Country	USA	Citizenship	CHINA
Post Office Address	34 ALEXANDRIA ROAD						
Post Office Address							
City	MORRIS TOWNSHIP	State	NJ	ZIP	07960	Country	USA
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
ZHAONING			ZHU				
Inventor's Signature						Date	
Residence: City	EAST WINDSOR	State	NJ	Country	USA	Citizenship	CHINA
Post Office Address	34 STONEHEDGE DRIVE						
Post Office Address							
City	EAST WINDSOR	State	NJ	ZIP	08520	Country	USA
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
F. GEORGE			NGOROGE				
Inventor's Signature						Date	
Residence: City	WARREN	State	NJ	Country	USA	Citizenship	KENYA
Post Office Address	11 SOFTWOOD WAY						
Post Office Address							
City	WARREN	State	NJ	ZIP	07059	Country	USA

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### ADDITIONAL INVENTOR(S) Supplemental Sheet Page 5 of 9

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
ASHOK			ARASAPPAN				
Inventor's Signature						Date	
Residence: City	BRIDGEWATER	State	NJ	Country	USA	Citizenship	INDIA
Post Office Address	18LARSEN COURT						
Post Office Address							
City	BRIDGEWATER	State	NJ	ZIP	08807	Country	USA
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
TEJAL			PAREKH				
Inventor's Signature						Date	
Residence: City	MOUNTAIN VIEW	State	CA	Country	USA	Citizenship	INDIA
Post Office Address	1885 EDNAMARY WAY, UNIT C						
Post Office Address							
City	MOUNTAIN VIEW	State	CA	ZIP	94040	Country	USA
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
ASHIT K.			GANGULY				
Inventor's Signature						Date	
Residence: City	UPPER MONTCLAIR	State	NJ	Country	USA	Citizenship	USA
Post Office Address	96 COOPER AVENUE						
Post Office Address							
City	UPPER MONTCLAIR	State	NJ	ZIP	07043	Country	USA

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### ADDITIONAL INVENTOR(S) Supplemental Sheet

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Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
KEVIN X.			CHEN				
Inventor's Signature						Date	
Residence: City	ISELIN	State	NJ	Country	USA	Citizenship	USA
Post Office Address	44 GILL LANE, APT. 1D						
Post Office Address							
City	ISELIN	State	NJ	ZIP	08830	Country	USA
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
SRIKANTH			VENKATRAMAN				
Inventor's Signature						Date	
Residence: City	FORDS	State	NJ	Country	USA	Citizenship	INDIA
Post Office Address	6 TULIP DRIVE, #3H						
Post Office Address							
City	FORDS	State	NJ	ZIP	08863	Country	USA
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
HENRY A.			VACCARO				
Inventor's Signature						Date	
Residence: City	SOUTH PLAINFIELD	State	NJ	Country	USA	Citizenship	USA
Post Office Address	123 SOMERSET AVENUE						
Post Office Address							
City	SOUTH PLAINFIELD	State	NJ	ZIP	07080	Country	USA

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**Supplemental Sheet**Page 7 of 9

<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
PATRICK A.			PINTO				
Inventor's Signature						Date	
Residence: City	MORRIS PLAINS	State	NJ	Country	USA	Citizenship	USA
Post Office Address	34 BATTLE RIDGE ROAD						
Post Office Address							
City	MORRIS PLAINS	State	NJ	ZIP	07950	Country	USA
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
BAMA			SANTHANAN				
Inventor's Signature						Date	
Residence: City	BRIDGEWATER	State	NJ	Country	USA	Citizenship	INDIA
Post Office Address	10 SOMERSET AVENUE						
Post Office Address							
City	BRIDGEWATER	State	NJ	ZIP	08807	Country	USA
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
SCOTT JEFFREY			KEMP				
Inventor's Signature						Date	
Residence: City	SAN DIEGO	State	CA	Country	USA	Citizenship	USA
Post Office Address	7873 AVENIDA NAVIDAD #263						
Post Office Address							
City	SAN DIEGO	State	CA	ZIP	92130	Country	USA

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### ADDITIONAL INVENTOR(S) Supplemental Sheet

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<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
ODILE ESTHER			LEVY				
Inventor's Signature						Date	
Residence: City	SAN DIEGO	State	CA	Country	USA	Citizenship	USA
Post Office Address	5304 RUETTE DE MER						
Post Office Address							
City	SAN DIEGO	State	NJ	ZIP	92130	Country	USA
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
MARGUERITA			LIM-WILBY				
Inventor's Signature						Date	
Residence: City	LA JOLLA	State	CA	Country	USA	Citizenship	MALAYSIA
Post Office Address	6333 CASTENJON DRIVE						
Post Office Address							
City	SANTA FE	State	NM	ZIP	92037	Country	USA
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])			Family Name or Surname				
SUSAN Y.			TAMURA				
Inventor's Signature	<i>Mrs. Yoshiko Tamura</i>					Date	6/28/01
Residence: City	SANTA FE	State	NM	Country	USA	Citizenship	USA
Post Office Address	2213 CALLE CACIQUE						
Post Office Address							
City	SANTA FE	State	NM	ZIP	87505	Country	USA

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### ADDITIONAL INVENTOR(S) Supplemental Sheet Page 9 of 9

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])				Family Name or Surname			
WANLI		WU					
Inventor's Signature							Date
Residence: City	EDISON	State	NJ	Country	USA	Citizenship	CHINA
Post Office Address	30 SHEPPARD PLACE						
Post Office Address							
City	EDISON	State	NJ	ZIP	08817	Country	USA
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])				Family Name or Surname			
SISKA		HENDRATA					
Inventor's Signature							Date
Residence: City	EDISON	State	NJ	Country	USA	Citizenship	CHINA
Post Office Address	25 CINDER ROAD, APT. 2F						
Post Office Address							
City	EDISON	State	NJ	ZIP	08820	Country	USA
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])				Family Name or Surname			
YUHUA		HUANG					
Inventor's Signature							Date
Residence: City	SCOTCH PLAINS	State	NJ	Country	USA	Citizenship	CHINA
Post Office Address	61 SPRUCE MILL LANE						
Post Office Address							
City	SCOTCH PLAINS	State	NJ	ZIP	07076	Country	USA

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